

ITS 3108 F and ITS 4108 F

Cylindrical Plug Assembly with 90° Backshell with Class A IT3057 Cable Clamp and Polychloroprene Bushing

Reverse Bayonet Coupling
ITS - Aluminum Shell with Stainless Steel Studs
ITB - Marine Bronze or Stainless Steel Shell without Stainless Steel Studs
 For further details, see diagram on page A-38

Connector/Backshell Class
F - Environmental; Supplied with Backshell, Grommet, Cable Clamp and Polychloroprene Bushing

Alternate Insert Rotation (W, X, Y, Z)
 Omit for Normal (See Section A)

XX**ITS****G****31****08****F****20-27****P****Y****XXX**

Elastomer Option
 (See Table III)

Grounding Fingers
 (Omit for Standard)

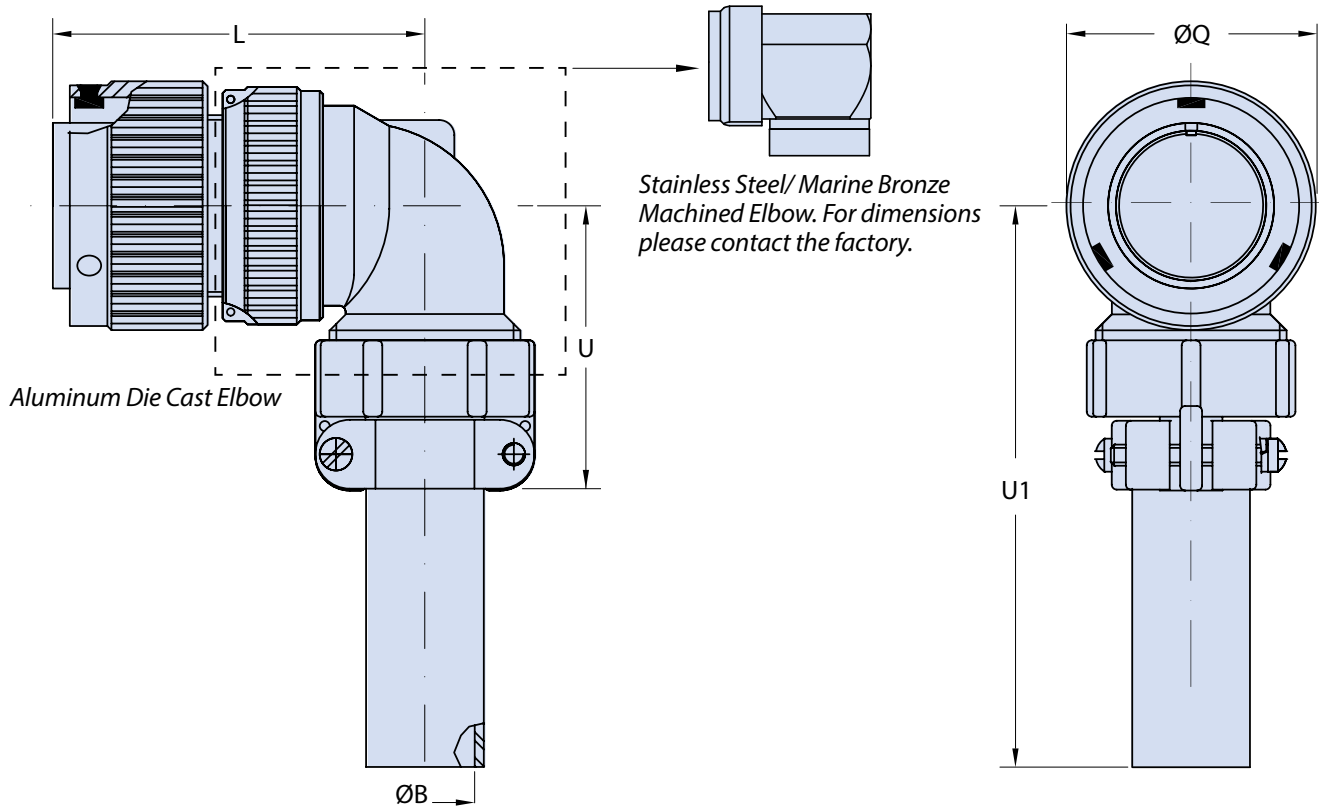
Contact Type
31 - Solder
41 - Crimp

08 - 90° Plug Assembly

Shell Size and Insert Arrangement
 (See Section A)

Contact Gender
P - Pin
S - Socket

Mod Code Option
 (See Table II)

B

Application Notes

- 90° plug assembly with an insulating grommet, environmental backshell, class A IT3057 cable clamp for individual wires and polychloroprene bushing.
- Connector/Backshell Class "F" (environmental)—Wire sealing grommet supplied.
- Standard materials configuration consists of aluminum. For platings, see TABLE II finish options.
- Standard contact material consists of copper alloy with silver plating or gold plating.

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TABLE I: DIMENSIONS

Shell Size	ØB ±0.1	L Max.	ØQ ±0.2	U Max.	U1 Max.
10 SL	5.58	40	22.6	36.0	105
14 S	7.92	42	29.0	38.5	105
16 S	11.09	46	31.6	41.0	105
16	11.09	55	31.6	41.0	105
18	14.27	57	36.2	50.0	105
20	15.87	62	39.8	48.0	105
22	15.87	62	43.0	48.0	105
24	19.05	67	46.4	54.0	107
28	19.05	67	53.0	55.0	107
32	23.79	72	60.0	64.5	115
36	31.75	75	66.2	67.2	115
40	34.92	78	72.3	91.0	135

TABLE II: MODIFICATION CODES

CONTACT OPTIONS		
Sym	Description	
B0	Connector without Contacts**	
B1	Connector with Gold Plated Contacts	
Omit for standard version (Silver plated)		
STANDARD MATERIAL AND FINISH (*)		
Sym	Description	RoHS
	Omit for Aluminum/ Cadmium Olive Drab	
F6	Aluminum/ Black Electrodeposited Paint	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓

TABLE III

ELASTOMER OPTIONS	
Sym	Description
	Omit for Polychloroprene Elastomer
FR	Fire Resistant Elastomer
S	Silicone Elastomer

(*) For further options, please contact the factory.

(**) Crimp Contacts Only